

## ONLINE BUS PASS GERANERATION AND RENEWAL SYSTEM USING MOBILE APPLICATION

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Received 10 February 2020 Received in revised form 27 February 2020 Accepted 02 March 2020

Available online 06 March 2020

### ABSTRACT

Online Bus pass generation is useful for user who are facing problems with the current manual work of bus pass registration and renewal. The user need to register by submitting their details through online .The administrator will verify the user details and if they are satisfied they will approve bus pass. The pass will be generated and send to user id. The user can login with their user id no and password and then renewal can be performed.

### 1. INTRODUCTION

Our project is created to provide time saving, comfortable and safe services for users. Due to the drawbacks that are present in the existing system, we got the idea of doing this project of generating the bus pass through online which can help users in a better way. In the existing system user had to do each and every process manually, but our project helps user to make their work faster and easy. Users can buy the bus pass through the internet. This system is also used to save the users time. The users can pay to buy bus pass through Credit Card and Netbanking.

### II. RELATED WORK:

Online Bus pass generation system is already implemented in Andhra Pradesh by “Andhra Pradesh State Road Transport Corporation”. The pass application form is available online. Online Bus pass Generation system is helpful as it reduces the paper work, time consumption makes the process of getting Bus pass simple and fast. The different kinds of information are provided like bus routes, eligibility criteria, fare timings etc. We will get the pass reservation facility, fare and timings of the buses. In this system pass application forms are not available through online. The process has to be followed manually. Hence time consumption is more.

**III. PROPOSED SYSTEM:** A vehicle pass experience is an android application framework that urges adventurers to get their vehicle pass related data in an android telephone. Utilizing

the framework clients can apply for transport pass recovery choice or crossing point out choice and make divide utilizing bus pass framework application.

#### Advantages:

- You can find all the bus pass related information online without going to the bus station
- Phone-based payment platform via bus pass system.

### BUS PASS SYSTEM MODULES

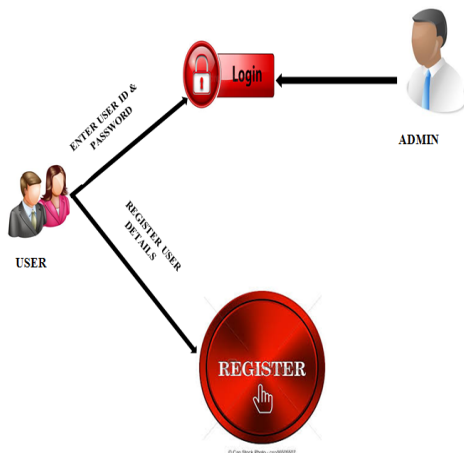
There are many modules in our project .They are

Login/Registration  
Data base creation  
Pass generation  
View Pass status

#### Login /Registration:

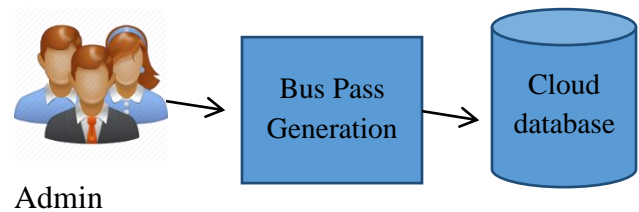
In this module, we have design for login and signup screen. Android used xml to develop classical screens in our application and java for coding. The signup page contains email id or user name, mobile number, password and confirm password those kinds of details should be stored in database. Login screen contains user id or username

and password. when the user , login the app it should retrieve the data to the database and combine based on user input if its match username, password to allow in the app otherwise it gave an alert and show a message to the user.



### Pass Generation:

In the wake of giving all the fundamental subtleties like adversary, school name, telephone number, photo etc., the subtleties will be submitted to the admin. The admin confirms and the detail and verify them. On the off chance that the administrator supports the client as confided in one, at that point the transport Pass will be created and send to the understudy's mail.

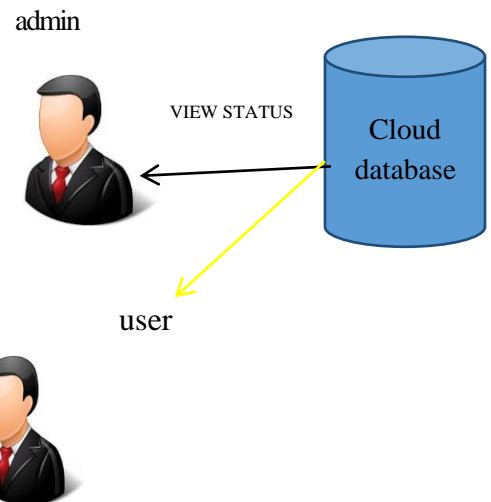
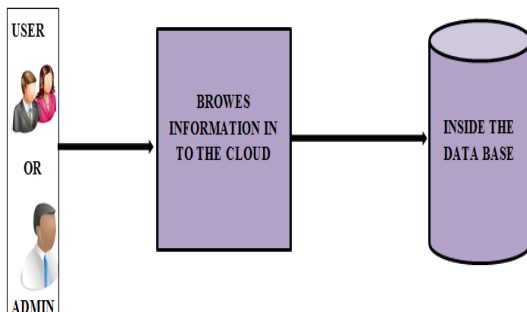


### Pass Status:

In this application contain many admins, user can view pass detail administrative reporter view and view the status for the respective user that will carry over to higher officials.

### Database Creation:

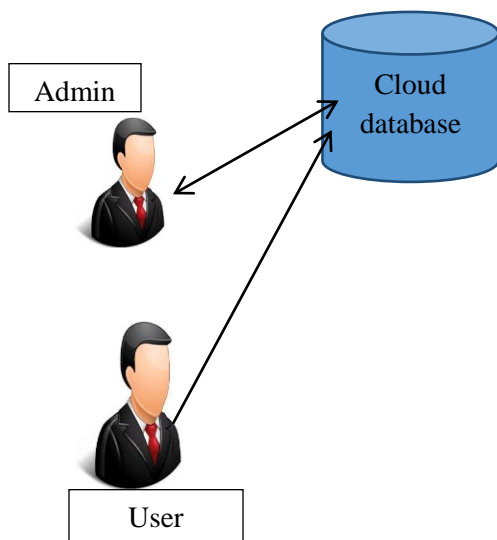
In the Database Creation Module, admin only has the rights to register an new user for both parent and Drivers. We want to store all details at cloud.so with the help of Php and JSON, we store all the data to the MYSQL database at cloud



**Renewal of Pass:**

The understudy can login to his record for the reestablishment of bus pass. The understudy needs to enter understudy id and the essential subtleties. At that point the installment procedure will be completed. When the procedure is finished the client transport pass will be reestablished naturally and send to understudy's mail.

VIEW &  
RENEWABLE  
UPDATE

**III.CONCLUSION:**

This project is useful for the users who are facing problems with the current manual work of bus pass registration and renewal. It will show the completion of pass validity period via pass status in the mobile application. We can also add the bus information with this application.

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